The E-Ticket Sample

Adobe® LiveCycle® Designer 8.0

About the sample

The E-Ticket sample demonstrates and explains the behavior of a dynamic PDF form. The sample form contains numbered notes represented as black circles with white numbers—each is explained in more detail in the "About the output" section. For information about creating forms, see the LiveCycle Designer Help.

Getting started

To get started, you need the following files:

Form:	E-Ticket.xdp	The LiveCycle Designer form file located in the Forms folder.
Data:	E-Ticket.xml	The XML data file located in the Data folder.
Image:	E-Ticket.tif	The image file located in the Images folder.
Output:	E-Ticket.pdf	The rendered form with merged data located in the Outputs folder.

Running the sample

You can run the sample by following these steps.

1. Open the form, E-Ticket.xdp, in LiveCycle Designer.

2. To specify the preview options, select File > Form Properties. Click the Defaults tab and do the following:

   - In Preview Type, select Print Form.
   - In Data File, browse to the Data folder and select the sample data file, E-Ticket.xml.
   - Click OK.

3. To preview the form, click the Preview PDF tab.

Results

The output sample PDF file in the Outputs folder shows the rendered form merged with data. Use this file to compare to the results of the previewed form.

About the form

Requirements

Print a customized Travel Package that contains an airline itinerary, Customs form, medical declaration, flight transfer slips, accommodation information, and boarding passes. The sections of the package are expected to print using different paper orientations.

About the output

The following numbered notes correspond to the numbered circle icons in the sample form file.

❶ The Package's cover page should print once, and it should use a portrait paper orientation.

- The coverPage subform is invoked by the presence of the data group coverPage.
- The coverPage subform is placed on the portrait master page because it is the first page area defined in the Page Set.
- The coverPage subform has a Min Count value of 0 and a Max value of 1. The Min Count and Max options are located in the Binding tab of the Object palette.
- The image file is linked to the form. The link is provided as the URL of an Image object.
- In the "Items in this travel package" section, a JavaScript script is used to set the fields' caption text to plural when appropriate.

  > **NOTE:** The data values that must print in several locations in the Travel Package are created as global fields; for example, the lastName, firstName, and initial fields.

❷ The Airline Itinerary header information should print before the listing of the flight itineraries, and it should use a landscape paper orientation.

- The subform and subformSet occurrence and subformSet relationship type is the required combination to invoke the flightHeader subform.
- The itinerary subformSet is instantiated only if a flight subform is instantiated. This is possible by setting the subformSet Min Count value to 0. Once the subformSet is instantiated, the flightHeader subform is invoked because it has a Min Count value of 1. This is as a result of setting the subform set's Type value, located in the Subform Set tab of the Object palette, to Use All Subforms in Order.
- The flightHeader subform is associated with the landscape master page. The flightHeader subform will be placed On Page "landscape".
- The flightHeader subform is associated with the flight subform as its overflow leader. The flightHeader subform should print at the top of every page in the Airline itinerary section. The fields Default Binding, located in the Binding tab of the Object palette, is set to Global because the information is required to repeat.

❸ The flights are specific to the Travel Package and may vary between itineraries.

- The flight subform is invoked by the presence of the data group flight. The flight subform has a Min Count value of 0 and an unlimited maximum occurrence value. This means that it will be instantiated only if there is data for it and will repeat as many times as necessary to print the available data. The maximum value is unlimited when the Repeat Subform for Each Data Item option is enabled and the Max option is left unchecked. The Repeat Subform for Each Data Item option is located in the Binding tab of the Object palette.
- The flight subform will be placed Following Previous subform.

❹ A single Customs Declaration is required for each family. The declaration should print using a portrait paper orientation.

- The customs subform is invoked by the presence of the data group customs.

- The customs subform has a Min Count value of 0 and Max value of 1.

- The customs subform is associated with the portrait master page. The customs subform will be placed Top of Page "portrait", thus forcing a new page.

❺ A single Medical Declaration should print per page, and it should use a portrait paper orientation.

- The medical subform is invoked by the presence of the data group medical.

- The medical subform has a Min Count value 0 and an unlimited maximum occurrence value.

- The medical subform is associated to the portrait master page, and it will be placed Top of Page "portrait", thus forcing a new page.

- A JavaScript script will concatenate the passenger's home address information. The homeAddress field's Allow Multiple Lines option is enabled to properly display the block of information. The Allow Multiple Lines option is located in the Field tab of the Object palette.

❻ The Accommodation header information should print before the listing of the hotels, and it should use a landscape paper orientation.

- The subform and subformSet occurrence and subformSet relationship type is the required combination to invoke the hotelHeader subform.

- The accommodation subformSet is instantiated only if a hotel subform is instantiated. This is possible by setting the subformSet Min Count value to 0. Once the subformSet is instantiated, the hotelHeader subform is invoked because it has a Min Count value of 1. This is the result of setting the subform set's Type to Use All Subforms in Order.

- The hotelHeader subform is associated with the landscape master page. The hotelHeader subform will be placed On Page "landscape".

- The hotelHeader subform is associated with the hotel subform as its overflow leader. The hotelHeader subform should print at the top of every page in the Hotel accommodation section. The fields are set to global because the information is required to repeat.

- A JavaScript script is used to concatenate the lastName and firstName data values.

- The guest address values should be displayed as a block. A JavaScript script is used to concatenate the data values.

❼ The hotel listing is specific to the Travel Package and may vary between itineraries.

- The hotel subform is invoked by the presence of the data group hotel. The hotel subform has a Min Count value of 0 and an unlimited maximum occurrence value. This means that it will be instantiated only if there is data for it, and it will repeat as many times as necessary to print the available data.

- The hotel subform will be placed Following Previous subform.

- The room type values should be displayed as a block. A JavaScript script is used to concatenate the data values. Since the roomName field's value is calculated, the Default Binding, located in the Binding tab of the Object palette, is set to None.

❽ A single Boarding pass should print per page, and it should use a landscape paper orientation.

- The boarding subform is invoked by the presence of the data group boarding.

- The boarding subform has a Min Count value of 0 and an unlimited maximum occurrence value. This means that it will be instantiated only if there is data for it, and it will repeat as many times as necessary to print the available data.

- The boarding subform is associated with the landscape master page. The boarding subform will be placed on Top of Page "landscape", thus forcing a new page.

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